

Quality - Programs



Laminate
(Atlanta, Bali, Boston, Comet,
Montana, Neo, Uno)

Melamine fronts

with decorative melamine coating on both sides and coated on 4 sides with laminate form edging. DIN 68765 Melamine-coated decorative flat-pressed board.

The wood pattern of fronts with reproductions can misalign within the cupboard fronts. Reclamations due to misaligned wood and structure pattern are not warranted.



Lacquer laminate
(Laser Soft, Laser Brillant)

Lacquer laminate fronts

Lacquer laminate stand out due to a special optic, quality and manufacture. The base material is a MDF board which is coated with a polymer laminate on the front. Additional the surface is coated with a lacquer. Thereby a high surface smoothness, scratch resistance and a high level of brilliance/satin effect is achieved. The front is edged on all four sides with a laminate form edge.



High gloss lacquer
(Faro, Lumos)

High gloss fronts

Medium density fibreboard (MDF) in various material thickness with melamine coating on one side (primer suitable for lacquering) on melamine base (decorative paper impregnated with melamine resin is pressed directly on to the baseboard in the manufacturing process) serve as base material for high gloss lacquered kitchen furniture fronts. The surface and the edges are smoothed, sealed and fillerised in a special process. Following preparation in this way the fronts are given several coats of polyester lacquer to produce an absolutely smooth, even surface. Finally, one coat of high gloss polyurethane lacquer is applied in a final operation.



High gloss lacquer
(Cristall)

High gloss fronts

The substrate is an MDF board that is coated in melamine resin on both sides. On the front, the coloured coating is finished with a single layer of high-gloss lacquer (UV-hardening water varnish). All four sides are finished with laminate form edge in a glass effect.



Laminate
(Oxford)

Foil-wrapped fronts and lacquered. Medium density fibreboard (MDF) in various material thickness with decorative melamine coating on both sides. The surfaces and edges are coated with low-pollutant, solvent-free dispersion adhesives. Thermoplastic plastic-foils are used. The fronts are additional varnished on both sides with a mat 2 component varnish.

The wood pattern of fronts with reproductions can misalign within the cupboard fronts. Reclamations due to misaligned wood and structure pattern are not warranted.

Quality - Programs



Laminate
(Lotus, Breda, Texel,
Solaris, Castell)

Foil-wrapped fronts

Medium density fibreboard (MDF) in various material thickness with decorative melamine coating on one side using as base product for all foil-wrapped fronts. The surfaces and edges are coated with low-pollutant, solvent-free dispersion adhesives. Thermoplastic plastic-foils are used (PVC / PET).

The wood pattern of fronts with reproductions can misalign within the cupboard fronts. Reclamations due to misaligned wood and structure pattern are not warranted.



Satin lacquer
(Avus)

Satin lacquer fronts

The base material is a MDF board coated on both sides with a paintable priming paper. The edges are smoothed, sealed and fillerised in a special process. The fronts are coated in satin lacquer. The rear side is same-colour adapted.



Ash lacquer
(Bristol)

Real wood fronts lacquer

with real wood frame and veneered center panel. The fronts are additionally varnished on both sides with a mat 2 component varnish. The varnishes used are water-diluteable pigment varnishes for wooden surfaces.

The wood pattern of fronts with veneer can misalign within the cupboard fronts. Reclamations due to misaligned wood and structure pattern are not warranted.

Material science



MDF board:

(Medium Density Fibreboard) The boards are produced from high quality, peeled conifer wood, processed during several stages into dried, very fine fibres. These fibres are compressed with ecologically compatible adhesive varnishes. A high level of transverse tensile strength and flexural strength is achieved as a result.

PEL-lacquer:

(Polyester lacquer) A solution of unsaturated polyester that reacts with a hardener. Both components are mixed shortly before processing. The pot life is extremely short. Important: the room temperature should be between 20 C and 24 C. Lacquer and wood surfaces should also be of the same temperature. Priming can be dispensed with. The hardened lacquer is not soluble again, very abrasion-resistant and hard wearing.

PUR-lacquer:

(Polyurethane lacquers) are catalysed lacquers and consist of two components that are mixed together shortly before processing in a specific ratio. Once the two solutions have been added to each other, the lacquer must be completely processed within a few hours, before it hardens. 50% PUR lacquer is considered an excellent primer. Polyurethane lacquers can be used wherever special hardness is required in addition to abrasion, water and chemical resistance. For normal stresses on the other hand, up to three coats should be applied. The PUR lacquer is lightfast, water vapour proof and waterproof.

General:

The fronts are intended and suitable for the area of use of home/kitchen furniture. They fully comply with the requirements of DIN 68930 „Kitchen furniture requirements, tests“. Our kitchens are markedly below the limit value of emission class E1 (formaldehyde emission) authorised by the Federal Office for closed residential and living rooms.



Glass:

Glass is made of natural raw ingredients. Because of this, some slight variations in colour cannot be avoided even if the items in question are part of the same production batch. Several parts (s.a. fronts, accent glass doors, recess back panels etc.) are same-colour adapted but not identical. With regard to manufacturing tolerances and quality features, all our glasses meet the relevant standards and guidelines DIN 1249-1, DIN 1249-3, DIN EN 572-4 and RAL-GZ 430.

Note:

When planning gas hobs in combination with a glass recess panel, leave a minimum space of 100 mm between the back panel and the outer edge of the hob to prevent damage to the glass.

Quality - Material science

Support material:

Wood composite (e.g. chipboard, MDF) serve as support material. The used materials are suitable for interior fitting (including furniture) or as non-structural elements in dry area. In the area of fitted kitchen the wood composites are used for all refined panels for carcasses, fronts or surrounding material.



laminare (KU/KG):

Surrounding materials in the surfaces KU and KG (shiny) are coated on both sides with a decorative laminate layer based on melamine resin. All four sides have laminated edges. All edges are applied by using PUR-hotmelt adhesive for highest water and temperature resistance.

worktop finishes (AD) on one side

Recess panels in worktop decor are coated on one side with decorative laminate, consisting of thermosetting, resin-impregnated core papers and belong to the most rigid surfaces available in furniture production.



HPL-edge (ED):

Recess panels are coated on one side, 25 mm gable ends are coated on both sides with laminate, with the special feature of real metal for the top decor layer.

Care instructions for memo writeable:

Clean with water and an absorbent cloth. In order to prevent streaks, we recommend drying the surface with a clean cloth.



Matt lacquer(LM)

The used support materials are covered with a varnishable coating and the edges are sealed and filled. The lacquer coating consists of a two-component lacquer. The good mechanical and chemical resistance and the great resistance to light and high stress are the characteristics of this lacquer. The lacquered surfaces are optimally protected against moisture through jointless lacquering.

Effect lacquer (LA)

It is an embossed varnishable coating, which is lacquered with a smooth lacquer. The embossment creates a natural wood structure.



High gloss lacquer (LD) laminate form edge shiny

High gloss lacquered surrounding materials are coated on both layers to achieve an absolute smooth and even surface. The high mechanical and chemical resistance and the great resistance to light and high stress are the characteristics of this easy-to-care high gloss lacquer. Surrounding materials are edged allround with a shiny laminate form edge. By using a special production process, the formed edge is fused with the surface. Thereby an almost jointless transition from edge to surface is achieved.

High gloss lacquer(LH):

High gloss lacquered surrounding materials are lacquered on all sides with several layers. Subsequently a coating of polyurethane lacquer in high gloss is applied. The lacquered surface is polished mechanically, the edges are polished manually. Through the multi-layered and all-side setting and the jointless lacquering, the surfaces are optimally protected against moisture.



Formed gable ends

Available in 16 mm, 25 mm and 50 mm thickness

the following materials are available depending on finish:

laminare (KU/KG),	effect lacquer (LA),
HPL-edge (ED),	matt lacquer (LM),
high gloss lacquer (LD),	high gloss lacquer (LH)

A protection profile is supplied automatically for each full-height gable end.